



Since 1963

1265 Montecito Avenue
Mountain View California, 94043
Telephone . 650 961 2742
Fax . 650 968 3945

DEMOLITION
&
GENERAL ENGINEERING

LIC# CA 236337 A, B, C21, C57, ASD, DOSH, HAZ

**Site-Specific Environmental Health and Safety Plan
SAFETY PLAN FOR CLOSURE OF UNDERGROUND STORAGE TANK (UST)**

**FOR
Underground Fuel Tank Removal
11825 Dublin Blvd
Dublin, CA**

**Prepared for
Herma Lichtenstein
City of Dublin
100 Civic Plaza
Dublin, CA 94568**

**Prepared by:
Ferma Corporation
11/20/08**

Work Description

Excavation of an assumed 5,000 gallon underground fuel tanks at the above referenced site per our walk through and field observation on 11/19/08 and described in the following scope of work:

Demolition, loading and removal including labor, equipment, material, salvage value, transportation, legal disposal and disposal fees described as follows:

- . Unearth tanks from its current position and place at grade for further study by authorized agencies
- . All soils handled from area to be placed on visqueen and stockpiled for testing by Ferma
- . Vacuum contents from tank, which at present time we assume it to be diesel fuel further study and testing required
- . Deliver dry ice in pellet form and insert prior to unearthing
- . Remove tanks from pit, scrape clean any soils, burrito wrap tank, place on flatbed and haul to disposal site (We assume at present time that this tanks are are single wall steel 5,000 gallon tanks)
- . Take six soil samples (stockpile, pit bottom, four wall sides and provide results, any further testing would result in additional fees)
- . Dust control including water
- . Obtain BAAQMD notification

SAFETY PLAN FOR CLOSURE OF UNDERGROUND STORAGE TANKS (UST)

1. All City and County environmental agencies shall be notified prior to working on the closure of UST in order to meet requirements of written notification and permit applications.
2. All authorized personnel on the job site shall be required to wear protective equipment (i.e., eye, ear, hand and proper breathing equipment).
3. All supervisors, equipment operators and general laborers shall be certified with 40 hours of Hazardous Materials Training. In addition to this training, each person shall have a minimum of 24 hours in UST-related experience.
4. All personnel shall be instructed as to the potential hazards of the job site prior to beginning work. "No Smoking" signs will be placed at appropriate locations throughout the site.

5. A site map shall be made to show the general locations of existing roads, structures and landmarks. Emergency escape routes shall also be shown on the map.
6. Emergency telephone numbers shall be posted in a conspicuous place. Detailed directions to the nearest hospital will also be made available.
7. Underground tanks will be pumped by a licensed individual having been trained in hazardous materials handling.

The material will be manifested and properly disposed of. If a tank cannot be completely pumped prior to removal, some type of secondary containment must be implemented in order to catch any possible leakage. ?

8. Tanks are to be excavated around all sides. A tank is not to be removed until City and County officials are present. Any spoils or residue from the excavated tanks shall be placed on and covered by visqueen plastic. A fire extinguisher shall be placed within 25 feet from the material during excavation and removal of a tank.
9. Prior to the removal of a tank, dry ice shall be used to purge each tank. This procedure should be performed 1 to 2 hours prior to removal. 20 pounds of ice shall be used for every 1,000 gallons of capacity. At the time of removal, no explosive hazard may exist. This may be tested to the Environmental Health Inspector with either a reading of 10% LEL (Lower Explosive Limit) or 5% oxygen must be obtained.
10. The tanks shall then be lifted from the excavated area. All loose soil must be removed from outside of the tanks. The tanks will be loaded onto the hauling equipment of a licensed hazardous materials transporter. Each tank must be manifested.
11. Soil samples will then be taken by a soils analysis laboratory. The location of each sample shall be determined by the Environmental Health Inspector present on-site.
12. All open excavation areas shall be properly fenced-in with security fencing or any adequate security material necessary to prevent unauthorized access to the excavation area.
13. Excavation closure shall be determined by the results of the soil samples.
14. The following is a list of necessary materials for UST closure:
 - a) PPE (Personal Protective Equipment)
 - b) Fire Extinguisher

- c) Adequate Cables and Shackles
- d) Ladder
- e) Visqueen Plastic (minimum of 6 millimeters)
- f) Shovel
- g) Metal Tub for Secondary Containment (if necessary)
- h) Security Fencing and "No Smoking" Signs

If anyone has questions regarding this Program, please contact your supervisor. Our Program is monitored by Mark Abu-Tair to ensure that the policies are carried out and that the Program is effective.

Site-Specific Environmental Health and Safety Plan

SAFETY PLAN FOR CLOSURE OF UNDERGROUND STORAGE TANKS (UST)

List of 40-hours Hazmat Trained workers

Employee Name Last, First	CERTIFICATIO N40 hours Hazmat Training Date
Becerra, Manuel	1/19/08
Betancourt, Joe	2/2/08
Cisneros, Jose	1/19/08
Cisneros, Jose G	1/19/08
Duenas, Hector C	2/2/08
Gonzalez, Casildo	1/19/08
Pena, Juan	1/19/08
Rodoni, Doug	1/19/08
Torres, Jose T	1/19/08
Abu-Tair, Mark	2/2/08
Calderon, Alex	1/19/08
Cruz, David R	1/19/08
Cuevas, Antonio	1/19/08
Duenas, Vicente	1/19/08
Lopez, Alfonso	1/19/08
Lopez, Rene Pena	1/19/08
Pena, Alfredo	1/19/08
Pena, Javier	1/19/08
Perez, Arnulfo	1/19/08
Rodriguez, Jose A	1/19/08
Belloso, Francisco	1/19/08
Jose Salcido	9/15/07
Batancourt Ruben	1/19/08
Scales Jesse	2/16/08
Zschokke, Donald	1/19/08
Border, William	1/19/08
Verga, Robert	1/19/08
Crane, Donald R	1/19/08

Site-Specific Environmental Health and Safety Plan
SAFETY PLAN FOR CLOSURE OF UNDERGROUND STORAGE TANKS (UST)

Training Log

Employee Name:

FERMA WORKERS
COMPENSATION
INSURANCE CERTIFICATE



P.O. BOX 420807, SAN FRANCISCO, CA 94142-0807

CERTIFICATE OF WORKERS' COMPENSATION INSURANCE

ISSUE DATE: 10-01-2008

GROUP: 000571
POLICY NUMBER: 0006143-2008
CERTIFICATE ID: 2757
CERTIFICATE EXPIRES: 10-01-2009
10-01-2008/10-01-2009

SAN JOSE CONSTRUCTION
1210 COLEMAN AVE
SANTA CLARA CA 95050-4338

NG

JOB: #671 DUBLIN SOUTHEAST CORNER OF
MARTENILLE WAY & ARNOLD RD JOB# 2008-08

This is to certify that we have issued a valid Workers' Compensation insurance policy in a form approved by the California Insurance Commissioner to the employer named below for the policy period indicated.

This policy is not subject to cancellation by the Fund except upon 30 days advance written notice to the employer.

We will also give you 30 days advance notice should this policy be cancelled prior to its normal expiration.

This certificate of insurance is not an insurance policy and does not amend, extend or alter the coverage afforded by the policy listed herein. Notwithstanding any requirement, term or condition of any contract or other document with respect to which this certificate of insurance may be issued or to which it may pertain, the insurance afforded by the policy described herein is subject to all the terms, exclusions, and conditions, of such policy.

James Neary
AUTHORIZED REPRESENTATIVE

Janet Frank
PRESIDENT

EMPLOYER'S LIABILITY LIMIT INCLUDING DEFENSE COSTS: \$1,000,000 PER OCCURRENCE.

ENDORSEMENT #2065 ENTITLED CERTIFICATE HOLDERS' NOTICE EFFECTIVE 10-01-2008 IS ATTACHED TO AND FORMS A PART OF THIS POLICY.

ENDORSEMENT #2001 ASBESTOS CERTIFICATION EFFECTIVE 10-01-2008 IS ATTACHED TO AND FORMS A PART OF THIS POLICY.

EMPLOYER

FERMA CORPORATION
1265 MONTECITO AVE STE 200
MOUNTAIN VIEW CA 94043

NG

[LM6,CN]



P.O. BOX 420807, SAN FRANCISCO, CA 94142-0807

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James Neary
AUTHORIZED REPRESENTATIVE

Janet Frank
PRESIDENT

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EMPLOYER

FERMA CORPORATION
1265 MONTECITO AVE STE 200
MOUNTAIN VIEW CA 94043

NG

[LM6,CN]

UST PERMIT APPLICATION
(FORMS A & B)

BAAQMD NOTIFICATION



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

COMPLIANCE & ENFORCEMENT DIVISION

Notification Form

Regulation 8
Rule 40

REMOVAL OF UNDERGROUND STORAGE TANKS OR TREATMENT OF CONTAMINATED SOIL

SITE OF ACTIVITY

Site Address:	City & Zip: Dublin,	Site#:
Specific Location of Project within Address:		
Owner/Operator:		

Check any that apply (400 numbers refer to regulation section requiring reporting):

- Tank Removal or Replacement (401) Contaminated Soil Excavation and Removal (402)
- Aeration of Soil < 50 ppmw organic content, but does not meet Section 118 Exemption (403)
- Section 114 Exempt; Date Pipeline Leak **Started:** _____ Vol. Of Soil: _____ (403)
- Section 115 Exempt; Date Contamination Unrelated to UST Activities **Discovered:** _____ (405)

If only Tank Removal is selected, attach results showing soil is not contaminated

CONTRACTOR INFORMATION

Name: Ferma Corporation	Site Contact:	Phone: (650) 961-2742
Address: 126 Montecito Avenue, Ste. 200, Mountain View, CA 94043		

TANK REMOVAL (Section 401)

Scheduled Start Date:	Number and Size of Tank(s): unknown size
Explain Methods of:	
Piping drainage or flushing (310.1) Vacuum Truck	
Liquid and sludge removal (310.2) Vacuum Truck	
Vapor removal (310.3) [Check One] <input type="checkbox"/> Water Displacement <input checked="" type="checkbox"/> Vapor Freeing* <input type="checkbox"/> Ventilation*	
* Emission controls required for vapor freeing or ventilation if tank size greater than 250 gallons.	
COMPLETE INFORMATION BELOW OR ATTACH SAMPLE RESULTS SHOWING SOIL IS UNCONTAMINATED (310.4)	

CONTAMINATED SOIL EXCAVATION AND REMOVAL (Section 402)

Scheduled Start Date:	Scheduled Completion Date:
Purpose of Excavation:	
Quantity of Soil: _____ Organic Content & Type: _____	
Methods used to quantify and analyze soil: _____	
Method of Stockpile Control (304-306)	
<input type="checkbox"/> Water Spray <input type="checkbox"/> Covered <input type="checkbox"/> Vapor Suppressant (List Material Used): _____	
Method of Site Closure (306)	
<input type="checkbox"/> Backfilled <input type="checkbox"/> Contaminated Soil Removed	
<input type="checkbox"/> Onsite Treatment (Describe): _____ A/C or P/O #: _____	
Loaded Trucks Covered? (306.2) <input type="checkbox"/> Yes <input type="checkbox"/> No	

AERATION OF SOIL < 50 PPMW ORGANIC CONTENT (Section 403)

You must submit a Permit Application and Risk Screening Analysis (Forms will be sent to you)

FOR BAAQMD USE ONLY

Fax/PM Date:	By:	Disp to I#:	Area:	Date:	By:
Inv Req Date:	By:	Fwd to Supv.		Date:	By:

See Page Two to Complete This Form

Approved 7/8/03

OTHER PUBLIC AGENCY CONTACTED (Fire District, Hazardous Materials, City or County)?	
Agency Name: Alameda County Environmental Health	Contact Name:
Address:	Phone:
EMERGENCY REMOVAL ORDER APPLICABLE?	
Agency Name:	Contact Name:
Address:	Phone:

H:\Pub_data\Janet\Reg 8-40\forms\notifdraft3.doc

GENERAL INFORMATION

- This notification form shall be used to notify the BAAQMD of any projects subject to the reporting requirements in Regulation 8, Rule 40, Sections 401 through 405. Notifications may be faxed to (415) 928-0338 or mailed to the address listed at the bottom of this form.
- An invoice for payment will be sent to the person listed under "Contractor Information" as the person responsible, unless the project is exempt from fee payment (see next item).
- See "Frequently Asked Questions" (FAQ) for definition of projects, change procedures, permit requirements, emergency conditions, project exemptions, and fee exemptions. For any questions not answered in the FAQ, contact the Compliance Assistance Counselor at (415) 749-4999.

INSTRUCTIONS

- **SITE OF ACTIVITY:** Give the site street address and indicate if it has any existing BAAQMD site number, for either a plant or GDF. Identify the specific project location if the site contains more than one building. Indicate all applicable activity types by checking appropriate boxes. For reporting requirements under Sections 401 through 403, additional information is required, as below.
- **CONTRACTOR INFORMATION:** Identify the contractor that is responsible for performing the work at the site location listed. This contractor is also responsible for payment of the applicable notification fee, if the project is not exempt.
- **SECTION 401 - TANK REMOVAL/REPLACEMENT:** All soils disturbed and/or excavated as part of the tank removal shall be subject to the requirements of Sections 304 through 306, unless the soil has been determined not to be contaminated by measurement of organic content using the procedures in Sections 601 and 602. Complete requirements for Section 402 or submit sample results showing that the soil is not contaminated.
- **SECTION 402 - CONTAMINATED SOIL EXCAVATION AND REMOVAL:**
 - Be as accurate as possible for the Scheduled Start and Completion Dates. Specific requirements apply for excavation projects triggered within either 45 or 90 days (Reg. 8-40-306.4) and Authority to Construct requirements for projects lasting longer than three months (Reg. 2-1-128.16).
 - If a vapor suppressant is used, attach a product data sheet or MSDS.
 - If Method of Site Closure used is Onsite Treatment, describe specific method, (e.g., bioremediation, vapor extraction, air sparging, thermal desorption, etc.).
 - If Onsite Treatment is used, indicate whether an Authority to Construct was obtained by providing the Application No. or attach copy of BAAQMD Certification of Exemption.
- **SECTION 403 - AERATION OF SOIL < 50 PPMW ORGANIC CONTENT:** Section 301 exempts from control the aeration of soil containing less than 50 ppmw of organic compounds, but Section 403 still requires reporting of ANY soil aeration. If such a project does not meet the exemption criteria of Section 118, then a Permit Application and Risk Screening Analysis must be submitted.
- **EMERGENCY REMOVAL INFORMATION (IF APPLICABLE):** The rule defines an emergency tank removal or excavation of contaminated soil as "carried out pursuant to an order of a state or local government agency issued because the contaminated soil poses an imminent threat to public health and safety." If the project(s) meet this definition, then identify the agency that issued the order. Under Section 402 requirements, on line two, identify the purpose as indicated in the order.

939 Ellis Street, San Francisco, CA 94109
www.baaqmd.gov

FERMA SITE SAFETY AND HEALTH PLAN